

V31/BFD307/EE/20160525

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Explain definition of quality according to ISO. 5
 - b) What is fabric inspection and how it is inspected? 5
 - c) Why is quality important in garment industry? 5
 - d) Explain the term 100% inspection and no inspection. 5
 - e) Explain the term AQL. 5

2. Solve any **four** sub-questions.
 - a) What are the qualities of inspector? 5
 - b) What are the two categories of stretch fabrics based on degree of stretchability? Explain. 5
 - c) What do you mean by Relaxation and Contraction shrinkage? 5
 - d) How the strength properties of apparel are tested? Explain by giving test method. 5
 - e) What do you mean by yarn severance in a fabric? 5

3. Solve any **four** sub-questions.
- a) Write the test method for colorfastness to washing. 5
 - b) What is yarn count or yarn number? What are the two systems of expressing yarn number? 5
 - c) Explain the term yarn twist. 5
 - d) What do you mean by abrasion of textile material? Why is it important to test abrasion resistance of textile materials? 5
 - e) What are standard atmospheric conditions for testing? 5
4. Solve any **four** sub-questions.
- a) Care symbols by ASTM. 5
 - b) In the context of garment manufacturing, how quality costs can be divided? 5
 - c) What is the importance of flow chart to manage quality? 5
 - d) What do you mean by objective evaluation of fabric hand? What is KESF-B Auto model? 5
 - e) What is the cause and effect diagram and how it is used to manage the quality? 5

